GSFC Interim Solution for uploading
Consumption data for standard rate assessments

Demand based Carrier Account operating costs are assessed to the various benefiting programs based on actual consumption. Goddard Space Flight Center plans on utilizing actual civil servant and contractor hours, contractor costs, and other direct costs by project WBS element as consumption data for standard rate assessments.

An automated upload program already exists to facilitate Phasing Plan data conversion. This program accesses transaction code CJR2 and uses planning profile ZPLAN to add phasing plans based on data in a predefined excel spreadsheet template. We have reviewed this process in SAP and feel that it will also accommodate our requirement for uploading actual labor hours as consumption data for standard rate assessments. Only the **data** in the spreadsheet will change.

This user procedure script outlines this consumption data upload process.

1. The consumption data for the pools will extracted by project WBS element from the legacy chargeback systems in the following format:

   Input file layout

PLPROF(8),	"Planner Profile
VERSN(3),	"version
FPERIOD(3),	"period from
TPERIOD(3),	"period to
GJAHR(4),	"fiscal year
POSID(24),	"WBS element
GEBER(10),	"fund
KSTAR(10),	"cost element
FKBER(4),	"functional area
KSTAR2(10),	"cost element
SPRED(4),	"distribution key
WKG1(15),	"Overview fixed costs
PERBL(3),	"period
WKG2(15),	"Periodic fixed costs

   It is critical that the input file conforms to the above layout column widths. The ABAP program will not be able to read this input file if it doesn't match the layout.

```
TIMIS_Interface_05162003 - Notepad
File  Edit  Format  Help

ZPLAN    98  8   8200351-188-06-40        SAT292003DTEST.COST 141        1    000000008997.00
ZPLAN    98  8   8200351-188-06-40        SAT292003DTEST.HOUR1141        1    000000000131.00
ZPLAN    98  8   8200351-227-62-49        SAT292002DTEST.COST 039        1    000000002605.00
ZPLAN    98  8   8200351-227-62-49        SAT292002DTEST.HOUR1039        1    000000000034.50
ZPLAN    98  8   8200351-228-11-10        SAT292003DTEST.COST 039        1    000000000654.00
ZPLAN    98  8   8200351-228-11-10        SAT292003DTEST.HOUR1039        1    000000000001.00
ZPLAN    98  8   8200351-258-80-03        SAT292003DTEST.COST 104        1    000000000283.00
ZPLAN    98  8   8200351-258-80-03        SAT292003DTEST.HOUR1104        1    000000000008.00
ZPLAN    98  8   8200351-258-80-04        SAT292003DTEST.COST 104        1    000000006509.00
ZPLAN    98  8   8200351-258-80-04        SAT292002DTEST.HOUR1104        1    000000000144.00
ZPLAN    98  8   8200351-258-80-35        SAT292003DTEST.COST 104        1    000000003895.00
ZPLAN    98  8   8200351-258-80-35        SAT292003DTEST.HOUR1104        1    000000000094.00
ZPLAN    98  8   8200351-259-10-11        SAT292002DTEST.COST 041        1    000000000134.00
ZPLAN    98  8   8200351-259-10-11        SAT292002DTEST.HOUR1041        1    000000000001.50
ZPLAN    98  8   8200351-264-51-01        HSF542003DTEST.COST 092        1    000000004621.00
ZPLAN    98  8   8200351-264-51-01        HSF542003DTEST.HOUR1092        1    000000000115.00
ZPLAN    98  8   8200351-264-61-01        HSF542003DTEST.COST 092        1    000000008314.00
ZPLAN    98  8   8200351-264-61-01        HSF542003DTEST.HOUR1092        1    000000000134.00
ZPLAN    98  8   8200351-264-61-02        HSF542003DTEST.COST 092        1    000000007541.00
ZPLAN    98  8   8200351-264-61-02        HSF542003DTEST.HOUR1092        1    000000000130.00
ZPLAN    98  8   8200351-264-61-12        HSF542003DTEST.COST 092        1    000000204030.00
ZPLAN    98  8   8200351-264-61-12        HSF542003DTEST.HOUR1092        1    000000003365.50
ZPLAN    98  8   8200351-291-06-03        SAT292003DTEST.COST 102        1    000000004824.00
ZPLAN    98  8   8200351-291-06-03        SAT292003DTEST.HOUR1102        1    000000000106.00
ZPLAN    98  8   8200351-291-06-04        SAT292003DTEST.COST 102        1    000000000679.00
ZPLAN    98  8   8200351-291-06-04        SAT292003DTEST.HOUR1102        1    000000000018.50
ZPLAN    98  8   8200351-353-87-01-01     SAT292003DTEST.COST 141        1    000000001065.00
ZPLAN    98  8   8200351-353-87-01-01     SAT292003DTEST.HOUR3141        1    000000000000.00
ZPLAN    98  8   8200351-359-02-01        SAT292002DTEST.COST 041        1    000000000497.00
ZPLAN    98  8   8200351-359-02-01        SAT292002DTEST.HOUR1041        1    000000000010.00
ZPLAN    98  8   8200351-432-03-31        SAT292003DTEST.COST 141        1    000000000414.00
ZPLAN    98  8   8200351-432-03-31        SAT292003DTEST.HOUR1141        1    000000000008.00
ZPLAN    98  8   8200351-458-10-10        SAT292003DTEST.COST 083        1    000000043993.00
ZPLAN    98  8   8200351-458-10-10        SAT292003DTEST.HOUR1083        1    000000000843.50
ZPLAN    98  8   8200351-458-10-11        SAT292003DTEST.COST 083        1    000000009894.00
ZPLAN    98  8   8200351-458-10-11        SAT292003DTEST.HOUR1083        1    000000000175.50
ZPLAN    98  8   8200351-458-10-12        SAT292003DTEST.COST 083        1    000000956290.00
ZPLAN    98  8   8200351-458-10-12        SAT292003DTEST.HOUR1083        1    000000000013.00
ZPLAN    98  8   8200351-458-10-25        SAT292003DTEST.COST 083        1    000000017622.00
ZPLAN    98  8   8200351-458-10-25        SAT292003DTEST.HOUR1083        1    000000000360.00
ZPLAN    98  8   8200351-458-10-26        SAT292003DTEST.COST 083        1    000000012521.00
ZPLAN    98  8   8200351-458-10-26        SAT292003DTEST.HOUR1083        1    000000000246.50
ZPLAN    98  8   8200351-458-40-41        SAT292003DTEST.COST 083        1    000000192260.00
ZPLAN    98  8   8200351-458-40-41        SAT292003DTEST.HOUR1083        1    000000003645.00
ZPLAN    98  8   8200351-458-50-50        SAT292003DTEST.COST 083        1    000000078730.00
ZPLAN    98  8   8200351-458-50-50        SAT292003DTEST.HOUR1083        1    000000001535.00
ZPLAN    98  8   8200351-458-50-95        SAT292003DTEST.COST 083        1    000000067177.00
ZPLAN    98  8   8200351-458-50-95        SAT292003DTEST.HOUR1083        1    000000001263.00
ZPLAN    98  8   8200351-458-60-10        SAT292003DTEST.COST 083        1    000000025104.00
ZPLAN    98  8   8200351-458-60-10        SAT292003DTEST.HOUR1083        1    000000000505.50
ZPLAN    98  8   8200351-458-60-20        SAT292003DTEST.COST 083        1    000000015788.00
ZPLAN    98  8   8200351-458-60-20        SAT292003DTEST.HOUR1083        1    000000000325.00
```

Once he's finished, the programmer will send a copy of this file to the Cost Pool Resource Analyst via email.
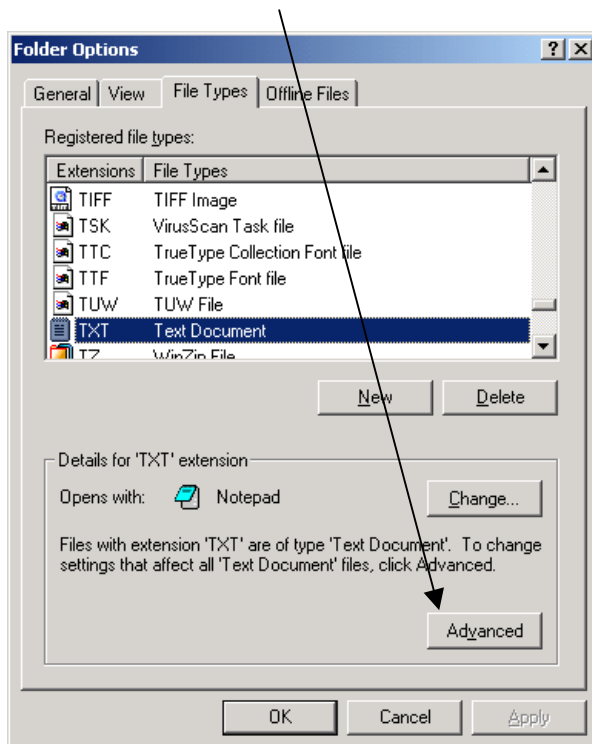
Save this input file to the C:/ folder on your desktop. The upload program will need to find/access this file during its' execution.

2. Ensure that the Folder Options are set correctly on your workstation before attempting to upload. (Once you make this change on your workstation, you will not have to do it again unless you use a different workstation for your upload)
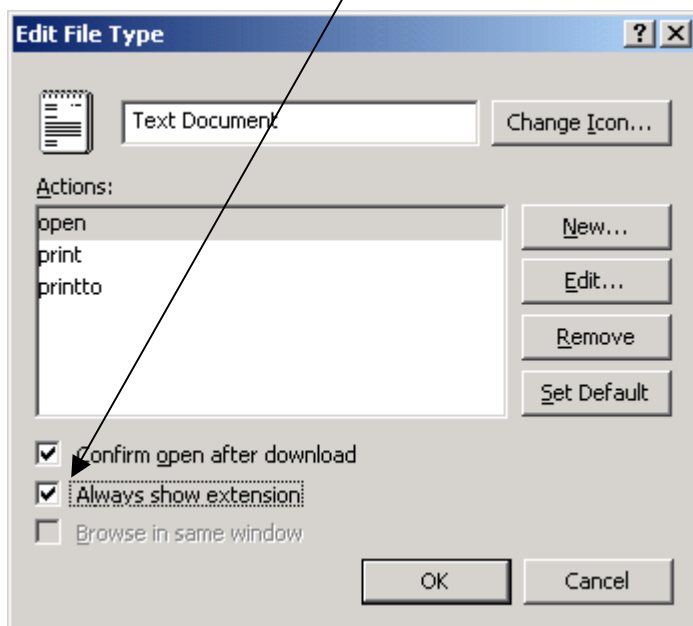
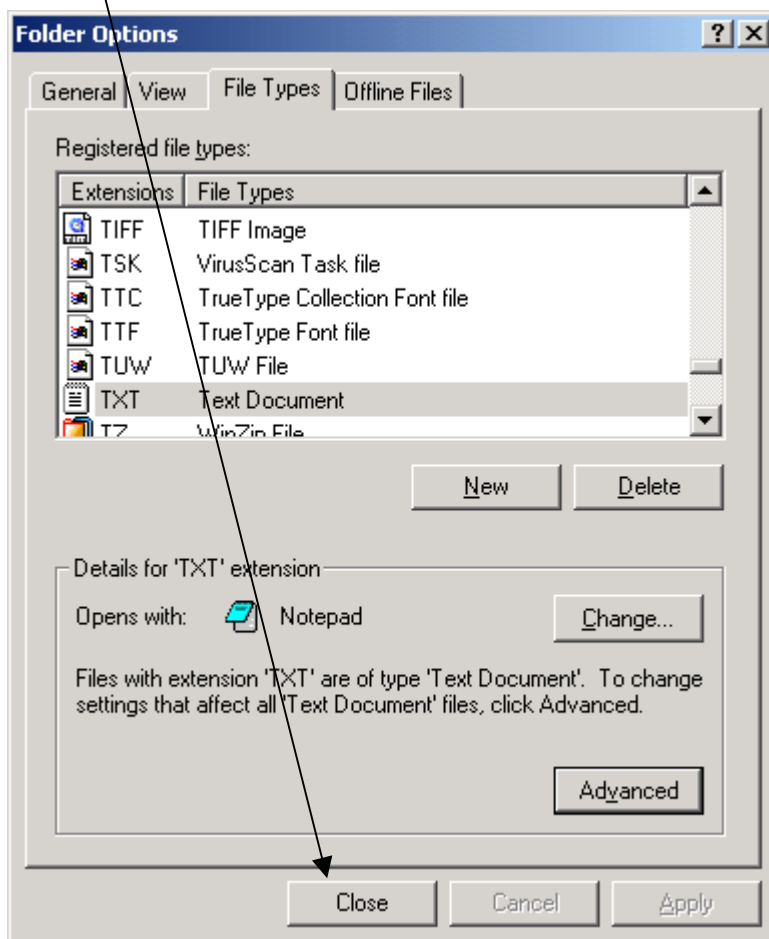Go to the My Computer Icon on your desktop
Go to Tools -> Folder Options
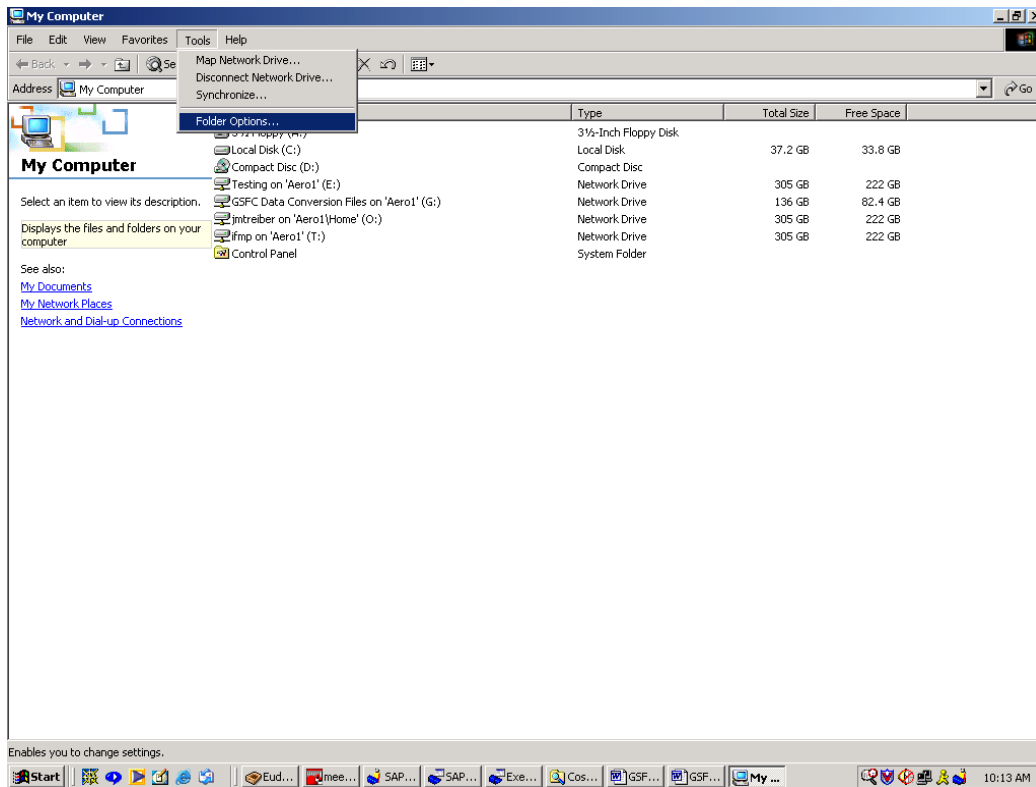
Select the File Types Tab
Under Registered File Types, select the TXT extension
Click the Advanced button

Check "Always show extension"
Select OK
Select Close

Edit File Type ? X

Text Document   Change Icon...

Actions:
open
print
printto

New...
Edit...
Remove
Set Default

☑ Confirm open after download
☑ Always show extension
☐ Browse in same window

OK   Cancel

Select Close

Folder Options ? X

General | View | File Types | Offline Files

Registered file types:

Extensions	File Types
TIFF	TIFF Image
TSK	VirusScan Task file
TTC	TrueType Collection Font file
TTF	TrueType Font file
TUW	TUW File
TXT	Text Document
TZ	WinZip File

New   Delete

Details for 'TXT' extension

Opens with: Notepad   Change...

Files with extension 'TXT' are of type 'Text Document'. To change
settings that affect all 'Text Document' files, click Advanced.

Advanced

Close   Cancel   Apply

3. **Upload your txt file:** Use transaction code ZCCO_WBS_PLAN to run the automated upload program.

CCO-007 Cost Element Plan screen

a. Inbound PC File: Enter Path, File Name and File extension of input file that you saved to your desktop.
b. Outbound PC File: Rename C:/Outbound_File.txt
c. Archive: Z_FI_CCO011F_GSFC_INPUT_PROJECTS
d. BDC Session: 51_XXXX_POOL (XXXX = Pool name: TEST, FABR, PAS, CORT, QSS, SWAL, MPS)
e. Check the box Go directly to SM35
f. Click Execute.

4. Use transaction code SM35 to process your BDC session 51_XXXX_POOL. Note: you automatically accessed this screen because you checked the Go directly to SM35 box while executing the ABAP program.

    Notice that the session status for BDC 51_XXXX_POOL is New. We'll need to process this session in order to complete our consumption data load into SAP's CJR2 planning screens.

    Batch Input: Session Overview screen

    a. Select BDC session 51_XXXX_POOL by clicking on the box at the left side of that row.
    b. Click Process Session (clock face with green check) button.

Process Session 51_XXXX_POOL pop-up box

    c.   Select Run mode: Background
    d.   Check Extended log
    e.   Verify Dynpro standard size is checked.
    f.   Click Process button.

Message: 1 session(s) transferred to background processing
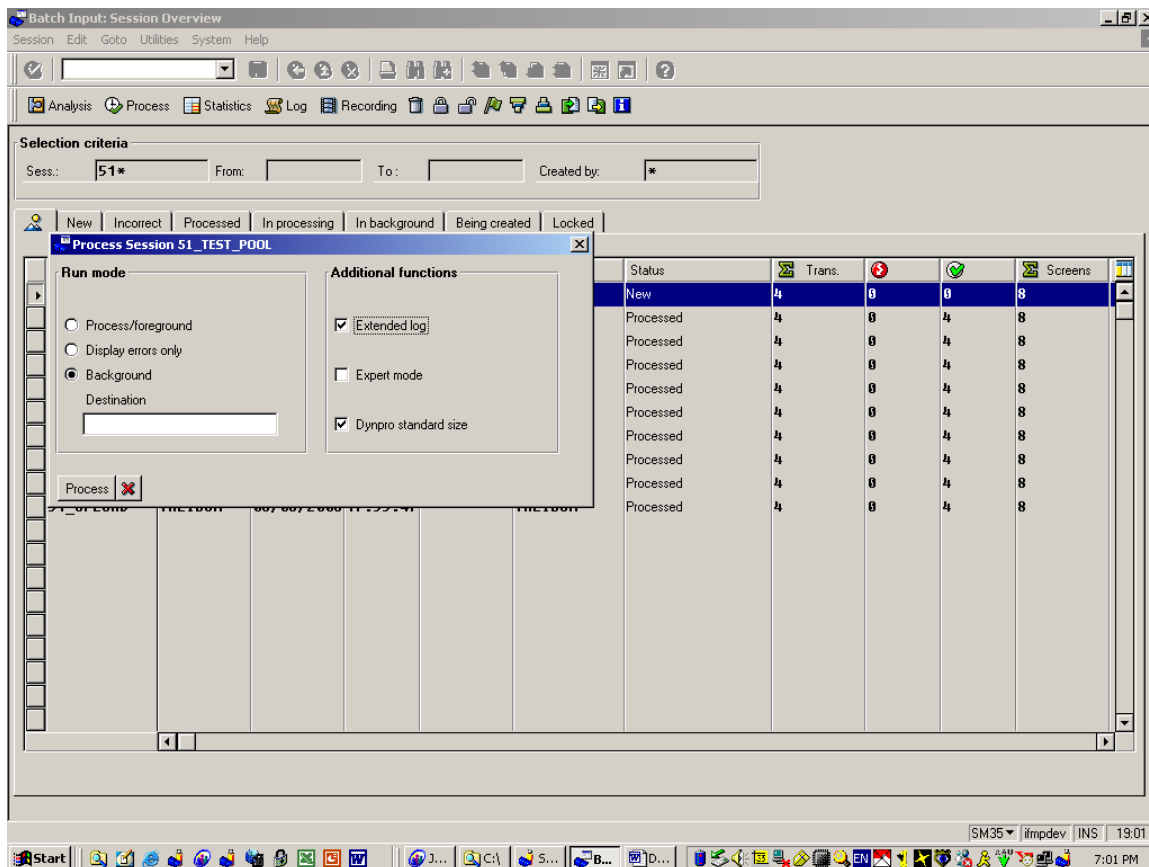
    g.   Click Back (green arrow pointed left) icon to exit processing.

h. Periodically check BDC session via transaction code SM35 until status has changed to either Processed or Errors.

i. You can review/analyze the BDC session results if you'd like.
j. Once again, select BDC session 51_XXXX_POOL by clicking on the box at the left side of that row.
k. Click Analyze Session (puzzle piece) button.

Notice that transaction CJR2 has been processed multiple times, once for every row in your input file.

l. Click on Logs (sun over mountain) button.
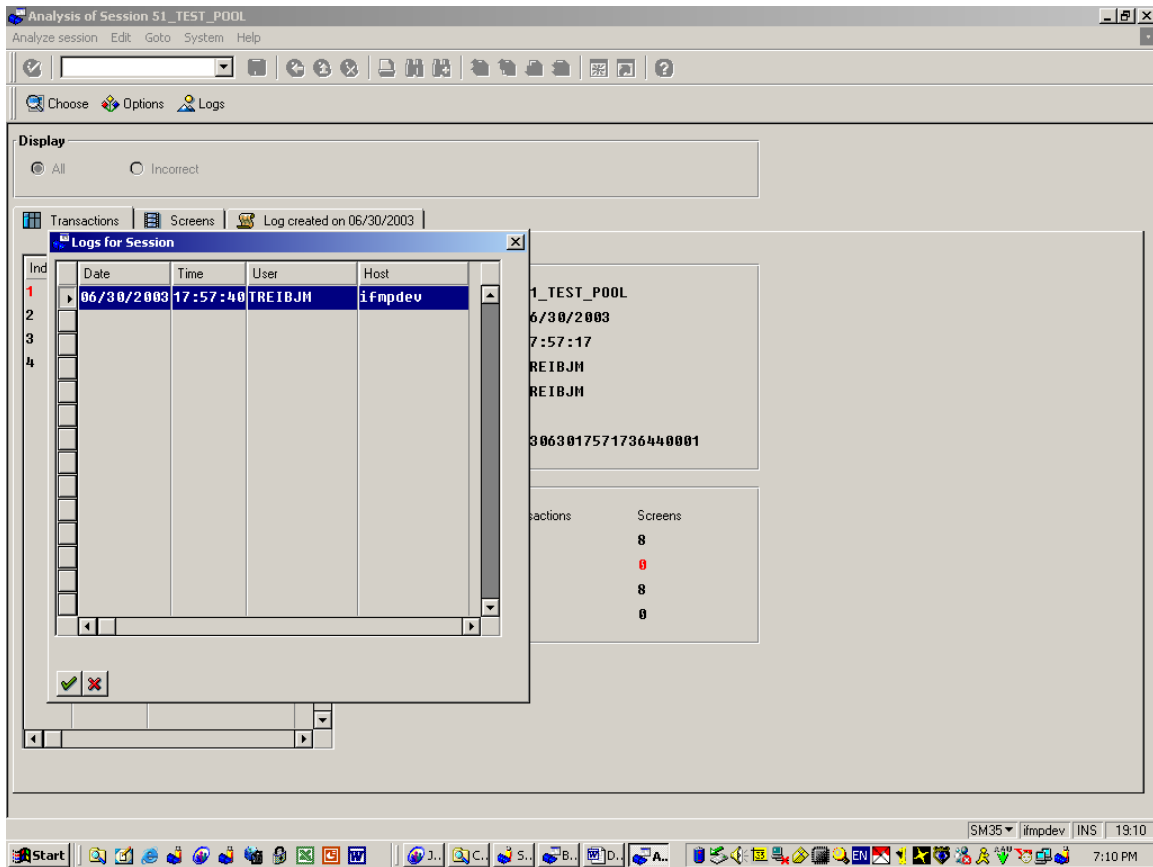
m. Select the most recent processing log and click Enter (green check) icon.

Analysis of Session 51_TEST_POOL

Analyze session   Edit   Goto   System   Help

Choose   Options   Logs

Transaction
| 1 | OKKS |

Log entries
(•) All   ( ) Transaction   ( ) Folder

Transactions | Screens | Log created on 06/30/2003

Time	Message	Transaction	Index	Modul	Scree	T	ID	No.
17:57:40	Session 51_TEST_POOL is being processed by user TREIBJM in mode N on server ifmpdev		0			S	00	300
17:57:40	Transaction was processed successfully	OKKS	1			S	00	355
17:57:40	Transaction was processed successfully	KP04	2			S	00	355
17:57:42	Transaction was processed successfully	CJR2	3			S	00	355
17:57:44	Transaction was processed successfully	CJR2	4			S	00	355
17:57:44	Processing statistics		0			S	00	370
17:57:44	4 transactions read		0			S	00	363
17:57:44	4 transactions processed		0			S	00	364
17:57:44	0 transactions with errors		0			S	00	365
17:57:44	0 transactions deleted		0			S	00	366
17:57:44	Batch input processing ended		0			S	00	382

SM35 | ifmpdev | INS | 19:11

Once again, you'll notice that transaction CJR2 has been processed successfully … multiple times, once for every row in your input file.

5. Now, let's review the results of your BDC processing in SAP. Use transaction code CJR2 to see the actual consumption data loaded in SAP.

Information pop-up box
    a. Click Enter (green check) icon.
Set Planner Profile pop-up box

    b. Planner profile: ZPLAN
    c. Click Enter (green check) icon.
Enter specific selection criteria related to one of the consumption data row s from your input file.

Planning Cost Elements/Activity Inputs Change: Initial Screen

    d. Version: 98
    e. Period: From Period for which consumption data was entered.
    f. Period: To Period for which consumption data was entered.
    g. Fiscal year: Fiscal year for which consumption data was entered.
    h. WBS Element: Project WBS for which consumption data was entered.
    i. Cost Element: Planning cost element on which consumption data was entered.

        Note: this planning cost element represents the carrier account/cost pool that this consumption data will be used for.

        As an example, TEST.HOUR1 is used for loading Test hours related to the Rate Code 1 for the Test Pool.

    j. Fund: Fund source/ Program year Fund for which consumption data was entered.
    k. Functional area: Functional area for which consumption data was entered.

Remember, all of these selection criteria were part of the data record in your input file.

I.   Click on Overview screen (sun over mountain) icon.

This screen presents the overall plan for the periods that you entered. You can also view a by period plan.

     m. Select overall plan by clicking on the box at the left side of that row.
     n. Click on Period screen Overview (upwards graph line over chart) icon.